

ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF ENFORCEMENT
NATIONAL ENFORCEMENT INVESTIGATIONS CENTER
BUILDING 53, BOX 25227, DENVER FEDERAL CENTER
DENVER, COLORADO 80225

Site:	MARTHA
ID #:	MOV 980633069
Break:	1.3
Other:	AR
9/4/86	
078D	

TO : Leo Alderman, Chief
Toxics and Pesticides Branch, Region 7

FROM : Dean F. Hill, Chief *Dean Hill*
Pesticides and Toxic Substances Branch

SUBJECT: Results of Polychlorinated Biphenyl Analyses

DATE: September 4, 1986

Attached are the analytical reports for the determination of polychlorinated biphenyls (PCBs) in samples taken by your office in connection with official investigations at the following sites:

Donald McCoy, Holden, MD	(VII-86-T-625)
Charles Buxton, Johnson Co., MD	(VII-86-T-626)
Donna Thomas, Johnson Co., MD	(VII-86-T-627)
Dwight Thomas, Johnson Co., MD	(VII-86-T-629)

In summary, PCBs were detected in all of the samples except the swab sample from Donald McCoy, Holden, MD.

Please advise if you have any questions regarding these analyses and when we may dispose of the remainder of the samples.

Attachments

cc: David R. Tripp, Regional Counsel, Region VII

RECEIVED

SEP 8 1986

TOXICS & PESTICIDES
BRANCH



40024199
SUPERFUND RECORDS

ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF ENFORCEMENT
NATIONAL ENFORCEMENT INVESTIGATIONS CENTER
BUILDING 53, BOX 25227, DENVER FEDERAL CENTER
DENVER, COLORADO 80225

TO : Dean F. Hill

DATE: September 4, 1986

FROM : Kenneth Wang ^{KW}

SUBJECT: Results of PCB Analysis of Samples from
Donald McCoy, Holden, MD

On July 28, 1986 two samples were received under official custody seal from Region 7. These samples were from Donald McCoy, Holden, MD and their project number was VII-86-T-625. Analysis was requested for polychlorinated biphenyls (PCBs).

One of the two samples contained detectable levels of weathered PCBs. The results are given below.

<u>Sample Number</u>	<u>Type of Sample</u>	<u>Concentration or Amount of Total PCBs</u>	<u>Major Aroclors Present</u>
07108628500101	Swab	ND	----
07108628500102	Debris	420 ug/g	weathered 1242, 1260

ND = None detected

The detection limit for the swab sample was 10 ug/100 cm².

The debris result is given on a wet weight basis.



The swab sample was extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography. The debris sample was thoroughly mixed and a separate portion was extracted into hexane/acetone. The hexane was cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

Sample 07108628500103, a swab blank, was received and analyzed with the samples and it did not contain any significant interferences. Sample -02 was spiked with 50 ug/g of Aroclor 1260 and the recovery was 88%. Sample -02 was analyzed in duplicate with the following result.


<u>Sample Number</u>	<u>Concentration of Total PCBs, ug/g</u>		
	<u>Result #1</u>	<u>Result #2</u>	<u>Average</u>
07108628500102	406	433	420

0.033 kg

W
07-061-86-17-82a



 United States Environmental Protection Agency Chain of Custody Record		Sample Number	Task Number
		0710862800101	011-86-T-625
Inspector Name and Address Ruben B McCullers EPA Region VII 326 Milwaukee KC, MO 64101		Inspection Number	
		07108628001	
Inspector Signature 		Sample Name	100 cm ² swab of desk in met shed.
		Date Sample	7-10-86
		Time	Duplicate Requested () Yes (X) No
		Location of Sampling	Donauld McCoy Holden, Mo.
Analysis/Testing Required			
PCB			
Laboratory	M.E.I.C.		
Date Received	7/28/86		
Received By	R. E. Mann		
Sent Via	U.S. Mail		
Sample Condition	Good.		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Ref		
Assigned By	KW.		
Assigned To	AP		
Delivered By	AP		
Date Delivered	7/28/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	7/28/86		
Date Resealed	-		
Resealed By	-		
Storage Location	Bldg 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	
Remarks			

-07-062-86-17-5

 United States Environmental Protection Agency		Sample Number 07108628500102		Task Number U11-86-T-625	
		Inspection Number 071086285001			
Chain of Custody Record		Sample Name debris from Floor-oil spill			
		Date Sample 7-10-86		Time Duplicate Requested <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Inspector Name and Address Ruben B McCullers EPA Region VII 726 Milwaukee K.C. MO 64101		Location of Sampling Donald McCay Holden, Mo.			
Inspector Signature <i>Ruben B McCullers</i>					
Analysis/Testing Required PCB					
Laboratory	N.E.I.C.				
Date Received	7/28/86				
Received By	R.E. Main				
Sent Via	US MAIL				
Sample Condition	Good				
Condition of Seals	Intact				
Units Received	1				
Storage Location	Rd				
Assigned By	K.W.				
Assigned To	AP				
Delivered By	AP				
Date Delivered	7/28/86				
Number of Units Received	1				
Units Analyzed	1				
Date Seal Broken	7/28/86				
Date Resealed	-				
Resealed By	-				
Storage Location	Bldg 4-5				
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility			
Remarks					

-07-063-86-17-M

PCM 7/8

 United States Environmental Protection Agency		Sample Number 0710862880103	Task Number 011-86-T-625
Chain of Custody Record		Inspection Number 07108628801	
Inspector Name and Address Ruben B McCullers EPA Region VII 726 Milwaukee KC KS 66101		Sample Name Control	
Inspector Signature 		Date Sample 7-10-86	Time Duplicate Requested <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Location of Sampling Donald McCoy Holden, Mo.			
Analysis/Testing Required PCB			
Laboratory	DEFL		
Date Received	7/28/86		
Received By	R.E. Morris		
Sent Via	US Mail		
Sample Condition	Good		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Ref.		
Assigned By	kw.		
Assigned To	AP		
Delivered By	AP		
Date Delivered	7/28/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	7/28/86		
Date Resealed	-		
Resealed By	-		
Storage Location	Bldg 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	
Remarks			

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OFFICE OF ENFORCEMENT
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BUILDING 53, BOX 25227, DENVER FEDERAL CENTER
DENVER, COLORADO 80225

TO : Dean F. Hill

DATE: September 4, 1986

FROM : ^{KW} Kenneth Wang

SUBJECT: Results of PCB Analysis of Samples from
Charles Buxton, Johnson Co., MD

On July 28, 1986 a sample was received under official custody seal from Region 7. This sample was from Charles Buxton, Johnson Co., MD and its project number was VII-86-T-626. Analysis was requested for polychlorinated biphenyls (PCBs).

The sample contained detectable levels of PCBs. The result is given below.


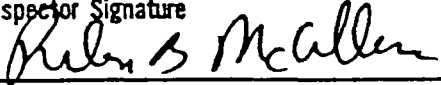
<u>Sample Number</u>	<u>Type of Sample</u>	<u>Amount of Total PCBs</u>	<u>Major Aroclors Present</u>
07108628500201	Pipe	9100 ug/830 cm ²	1242, 1260

The pipe sample was extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

A solvent blank was analyzed with the sample and it did not contain any significant interferences.

Since the entire pipe sample was used in the analysis, it was not possible to analyze any spiked or duplicated samples

07-064-86-18-M *↓

 EPA United States Environmental Protection Agency		Sample Number 0710862850101	Task Number 011-86-T-626
		Inspection Number 07108628501	
Chain of Custody Record Inspector Name and Address Ruben B. McCullors EPA Region VII 726 Minnesota KC, KS 64111		Sample Name metal parts from shed.	
		Date Sample 7-18-86	Time Duplicate Requested <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Inspector Signature 		Location of Sampling Charles Borton Johnson Co, Mo	
Analysis/Testing Required PCB			
Laboratory	NEIC		
Date Received	7/28/86		
Received By	R. E. Mann		
Sent Via	U.S. Mail		
Sample Condition	Good (Wrap in Plastic)?		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Refer		
Assigned By	K.W.		
Assigned To	AP		
Delivered By	AP		
Date Delivered	8/13/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	8/13/86		
Date Resealed	-		
Resealed By	-		
Storage Location	Bldg 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	
Remarks Sample Number 0710862850101 in the chain of custody should read 07108628600201 K.W. 8/13/86 K.W. 7/21/86			

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BUILDING 53, BOX 25227, DENVER FEDERAL CENTER
DENVER, COLORADO 80225

TO : Dean F. Hill

DATE: September 4, 1986

FROM : Kenneth Wang *9/11/86 kw*

SUBJECT: Results of PCB Analysis of Samples from
Donna Thomas, Johnson Co., MO

On July 28, 1986 three samples were received under official custody seal from Region 7. These samples were from Donna Thomas, Johnson, MO and their project number was VII-86-T-627. Analysis was requested for polychlorinated biphenyls (PCBs).

All of the samples contained detectable levels of various PCBs. The results are given below.

<u>Sample Number</u>	<u>Type of Sample</u>	<u>Concentration or Amount of Total PCBs</u>	<u>Major Aroclors Present</u>
07158628500101	Swab	9900 ug	1242, 1260
07158628500102	Debris	850 ug/g	1242, 1260
07158628500103	Debris	540 ug/g	1242

The debris results are given on a wet weight basis.

The swab sample was extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography. The debris samples were thoroughly mixed and a separate portion was extracted into hexane/acetone. The hexane was cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

Sample 07158628500104, a swab blank, was received and analyzed with the samples and it did not contain any significant interferences. Sample -03 was spiked with 50 ug/g of Aroclor 1260 and the recovery was 99%. Two debris samples were analyzed in duplicate with the following results.

<u>Sample Number</u>	<u>Concentration of Total PCBs, ug/g</u>		
	<u>Result #1</u>	<u>Result #2</u>	<u>Average</u>
07158628500102	876	829	850
07158628500103	562	518	540



United States
Environmental Protection
Agency

Chain of Custody Record

Inspector Name and Address

Ruben B. McCullers
EPA Region VII
726 Minnesota
St. Louis 63101

Inspector Signature

Ruben B. McCullers

Sample Number

07-065-86-19-W
071586285001

Task Number

U11-86-T-627

Inspection Number

071586285001

Sample Name SWAB/debris from pier
in truck Trailer

Date Sample

7-15-86

Time

Duplicate Requested

11 Yes ☒ No

Location of Sampling Donna Thomas
Johnson Co., Mo.

Analysis/Testing Required

PCB

Laboratory

NEIC

Date Received

7/28/86

Received By

R.E. Mann

Sent Via

U.S. Mail

Sample Condition

Good

Condition of Seals

Intact

Units Received

1

Storage Location

Rdn

Assigned By

K.W.

Assigned To

AP

Delivered By

AP

Date Delivered

8/1/86

Number of Units Received

1

Units Analyzed

1

Date Seal Broken

8/1/86

Date Resealed

Resealed By

Storage Location

Bldg 45

Date Results of Analysis
Issued to EPA

Date Results of Analysis
Issued to Facility

Remarks

07-066-86-19-15




United States
Environmental Protection
Agency

Chain of Custody Record


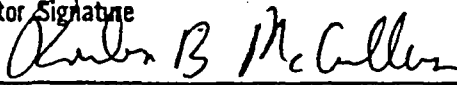
Inspector Name and Address <i>Ruben B McCullers</i> <i>EPA Region VII</i> <i>726 N. Mississippi</i> <i>KC KS 66101</i>		Sample Number <i>0715862850002</i>		Task Number <i>011-86-T-627</i>	
		Inspection Number <i>071586285001</i>			
Inspector Signature <i>Ruben B McCullers</i>		Sample Name <i>SWAB/debris sample from</i> <i>Table saw in Pickup.</i>			
		Date Sample <i>7-15-86</i>		Time <i></i>	
		Duplicate Requested <i>11</i> Yes <input checked="" type="checkbox"/> No			
		Location of Sampling <i>DONNA THOMAS</i> <i>Johnson Co., Mo.</i>			
Analysis/Testing Required <i>PCB</i>					
Laboratory	<i>NEIC</i>				
Date Received	<i>7/28/86</i>				
Received By	<i>R. C. Mann</i>				
Sent Via	<i>U.S. Mail</i>				
Sample Condition	<i>Good.</i>				
Condition of Seals	<i>Intact</i>				
Units Received	<i>1</i>				
Storage Location	<i>Refer</i>				
Assigned By	<i>K.W.</i>				
Assigned To	<i>AP</i>				
Delivered By	<i>AP</i>				
Date Delivered	<i>8/1/86</i>				
Number of Units Received	<i>1</i>				
Units Analyzed	<i>1</i>				
Date Seal Broken	<i>8/1/86</i>				
Date Resealed					
Resealed By					
Storage Location	<i>Bldg 45</i>				
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility			

Remarks

02-067-86-19-S

 EPA United States Environmental Protection Agency		Sample Number	Task Number
		0715862850003	U11-86-T-627
Chain of Custody Record		Inspection Number	
		071586285001	
Inspector Name and Address Ruben B. McCallers EPA Region VII 726 Minnesota K.C. KS 66101		Sample Name oily debris sample from press in pickup	
		Date Sample	Time Duplicate Requested
Inspector Signature Ruben B. McCallers		7-15-86	11 Yes <input checked="" type="checkbox"/> No
		Location of Sampling Donna Thomas Johnson Co., Mo.	
Analysis/Testing Required			
PCB			
Laboratory	NEIC		
Date Received	7/28/86		
Received By	R. E. Mearns		
Sent Via	d.s. Mail		
Sample Condition	Good		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Refs		
Assigned By	K.W.		
Assigned To	AB		
Delivered By	AB		
Date Delivered	8/1/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	8/1/86		
Date Resealed			
Resealed By			
Storage Location	Blk 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	
Remarks			

07-068-86-19-M

 United States Environmental Protection Agency		Sample Number	Task Number
		0715862850004	U11-86-T-627
Chain of Custody Record		Inspection Number	
		071586285001	
Inspector Name and Address Ruben B. McCallers EPA Region VII 726 Minnesota Kansas City, MO 64101		Sample Name Control	
		Date Sample	Time
Inspector Signature 		7-15-86	1) Yes <input checked="" type="checkbox"/> No
		Location of Sampling Donna Thomas Johnson Co., Mo.	
Analysis/Testing Required			
PCB			
Laboratory	NEIC		
Date Received	7/28/86		
Received By	R. E. Menni		
Sent Via	U.S. Mail		
Sample Condition	Good		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Ref		
Assigned By	K.W.		
Assigned To	AR		
Delivered By	AR		
Date Delivered	8/1/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	8/1/86		
Date Resealed			
Resealed By			
Storage Location	Bldg. 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	
Remarks			

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BUILDING 53, BOX 25227, DENVER FEDERAL CENTER
DENVER, COLORADO 80225

TO : Dean F. Hill

DATE: September 4, 1986

FROM : Kenneth Wang *Wang*

SUBJECT: Results of PCB Analysis of Samples from
Dwight Thomas, Johnson Co., MO

On July 28, 1986 two samples were received under official custody seal from Region 7. This sample was from Dwight Thomas, Johnson Co., MO and their project number was VII-86-T-629. Analysis was requested for polychlorinated biphenyls (PCBs).

All of the samples contained detectable levels of various PCBs. The results are given below.

<u>Sample Number</u>	<u>Type of Sample</u>	<u>Amount of Total PCBs</u>	<u>Major Aroclors Present</u>
071886285002-01	Swab	310 ug/100 cm ²	1242, 1260
071886285002-02	Swab	10300 ug/100 cm ²	1242, 1260

The swab samples were extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

Sample 071886285002-03, a swab blank, was received and analyzed with the samples and it did not contain any significant interferences.

Since the entire swab sample was used in the analysis, it was not possible to analyze any spiked or duplicated samples

07-077-86-21-W



United States
Environmental Protection
Agency

Chain of Custody Record

Inspector Name and Address
Ruben B McCullors
EPA Region VII
720 Michigan
KC, MO 66101

Inspector Signature
Ruben B McCullors

Sample Number

07188628500201

Task Number

011-86-T-629

Inspection Number

071886285002

Sample Name *100 cm² swab of motor*

Date Sample

7-18-86

Time

Duplicate Requested

☐ Yes ☒ No

Location of Sampling *Dwight Thomas*
John son Co, MO

Analysis/Testing Required

PCB

Laboratory	<i>WEIC</i>		
Date Received	<i>7/28/86</i>		
Received By	<i>R. E. Mami</i>		
Sent Via	<i>U.S. Mail</i>		
Sample Condition	<i>Good</i>		
Condition of Seals	<i>Intact</i>		
Units Received	<i>1</i>		
Storage Location	<i>Rfr</i>		
Assigned By	<i>KJ</i>		
Assigned To	<i>7/29/86 KJ AP</i>		
Delivered By	<i>AP</i>		
Date Delivered	<i>7/29/86</i>		
Number of Units Received	<i>1</i>		
Units Analyzed	<i>1</i>		
Date Seal Broken	<i>7/29/86 7/29/86 7/29/86</i>		
Date Resealed	<i>—</i>		
Resealed By	<i>—</i>		
Storage Location	<i>Building 45</i>		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	
Remarks			

07-078-86-21-W



United States
Environmental Protection
Agency

Chain of Custody Record

Sample Number

07188628500202

Task Number

011-86-T-629

Inspection Number

071886285002

Sample Name 100 g can of WIRE ROPE

Date Sample

7-18-86

Time

Duplicate Requested

() Yes (X) No

Inspector Name and Address

Ruben B McCulloch
EPA Region VII
720 Michigan
KCMO 66161

Inspector Signature

Location of Sampling

Dwight Thomas
Johns Co, MO

Analysis/Testing Required

PCB

Laboratory

WEIC

Date Received

7/28/86

Received By

T. E. McNamee

Sent Via

U.S. Mail

Sample Condition

Good

Condition of Seals

Intact

Units Received

1

Storage Location

Ref

Assigned By

KW

Assigned To

7/29/86 AP

Delivered By

AP

Date Delivered

7/29/86

Number of Units Received

1

Units Analyzed

1

Date Seal Broken

7/29/86 7/28/86 7/29/86

Date Resealed

-

Resealed By

-

Storage Location

Building 45

Date Results of Analysis
Issued to EPA

Date Results of Analysis
Issued to Facility

Remarks

07-079-86-21-M



United States
Environmental Protection
Agency

Chain of Custody Record

Sample Number

07188628500203

Task Number

011-86-T-629

Inspection Number

071886285002

Sample Name

Control

Date Sample

7-18-86

Time

Duplicate Requested

☐ Yes ☒ No

Inspector Name and Address

Ruben B McCallors
EPA Region VII
720 Michigan
KC, MO 66101

Inspector Signature

Ruben B McCallors

Location of Sampling

Dwight Thomas
Johnson Co, MO

Analysis/Testing Required

PCB

Laboratory	WEIL		
Date Received	7/28/86		
Received By	R. E. M...		
Sent Via	U.S. Mail		
Sample Condition	Good		
Condition of Seals	Intact		
Units Received	1		
Storage Location	Ref		
Assigned By	K...		
Assigned To	K... AP		
Delivered By	AP		
Date Delivered	7/29/86		
Number of Units Received	1		
Units Analyzed	1		
Date Seal Broken	7/29/86 7/28/86 7/29/86 AP		
Date Resealed	-		
Resealed By	-		
Storage Location	Building 45		
Date Results of Analysis Issued to EPA		Date Results of Analysis Issued to Facility	

Remarks